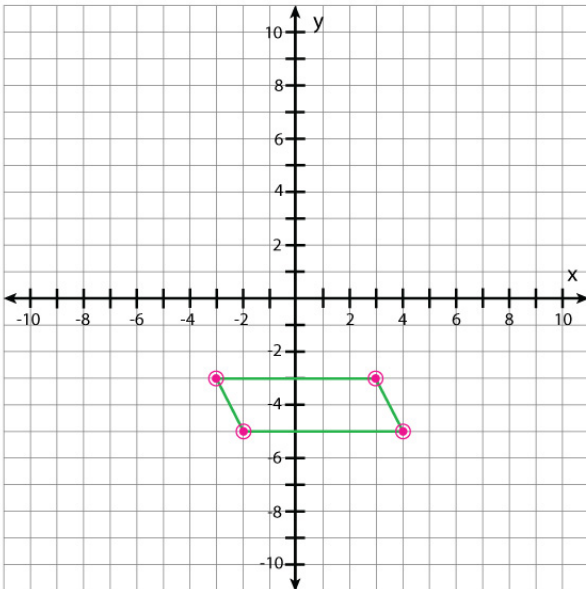


Name : \_\_\_\_\_

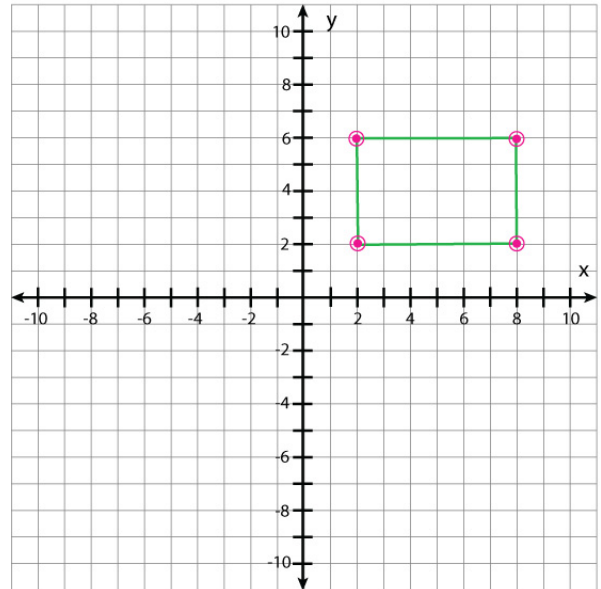
Score : \_\_\_\_\_ Date : \_\_\_\_\_

**Polygons in the Coordinate Plane - Practice Worksheet**

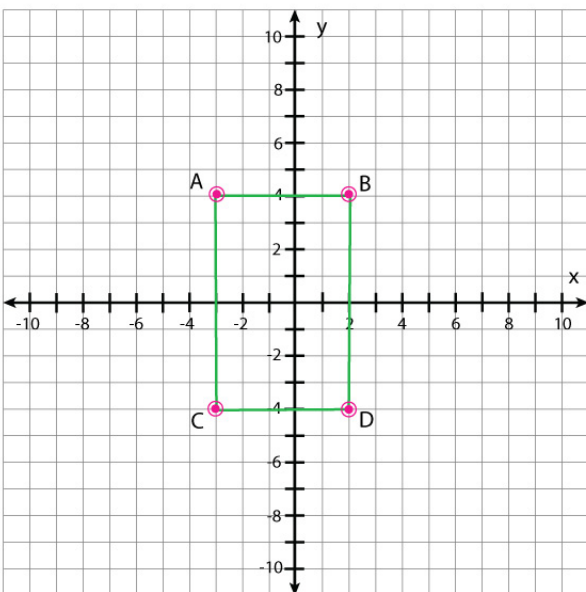
**1** A parallelogram in a coordinate plane has vertices  $(4,-5)$ ,  $(-2,-5)$ ,  $(3,-3)$ , and  $(-3,-3)$ . Find the height of the parallelogram.



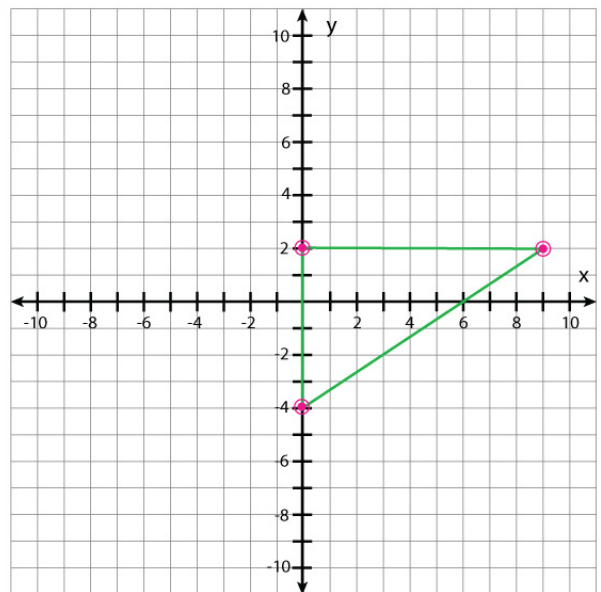
**2** Find the length and breadth of the rectangle represented in the coordinate plane.



**3** ABCD is a rectangle. Find the area and perimeter of the rectangle.



**4** If you draw coordinate points at  $(9,1)$ ,  $(0,1)$ ,  $(0,-4)$  and connect all points. What is the shape that you have got?



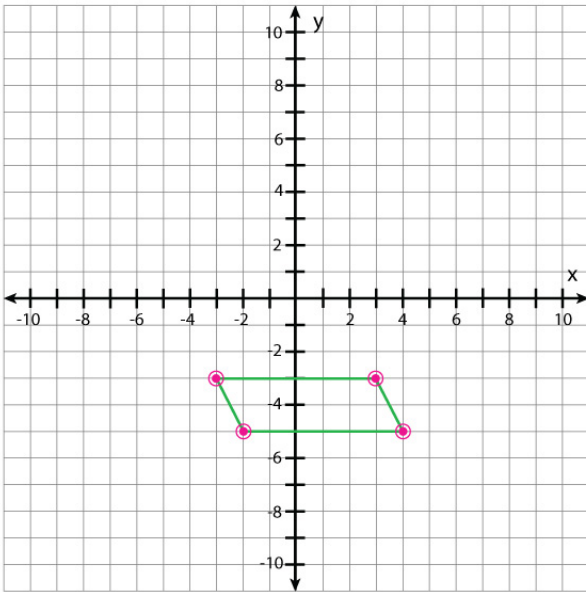
Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

**Polygons in the Coordinate Plane - Practice Worksheet**

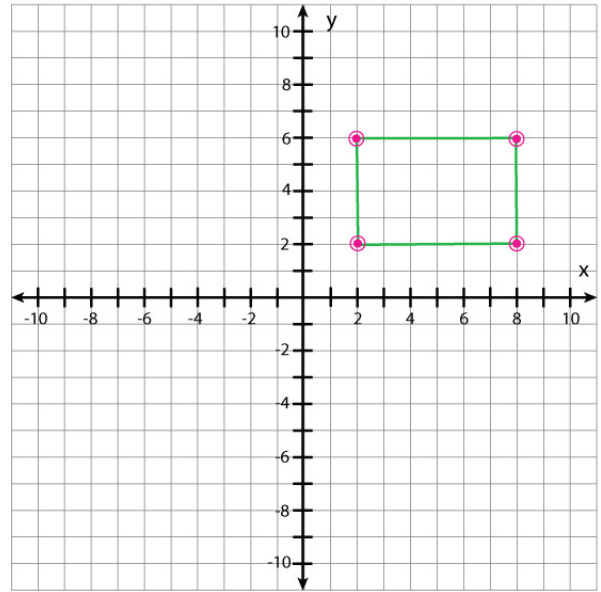
Answers

- 1** A parallelogram in a coordinate plane has vertices  $(4,-5)$ ,  $(-2,-5)$ ,  $(3,-3)$ , and  $(-3,-3)$ . Find the height of the parallelogram.



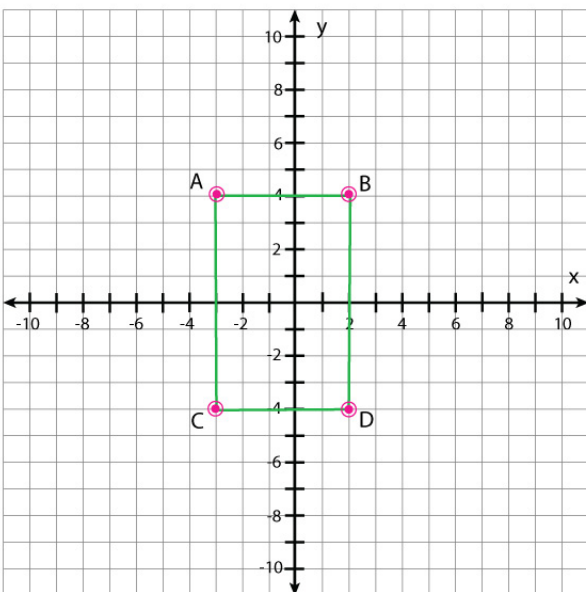
2 units

- 2** Find the length and breadth of the rectangle represented in the coordinate plane.



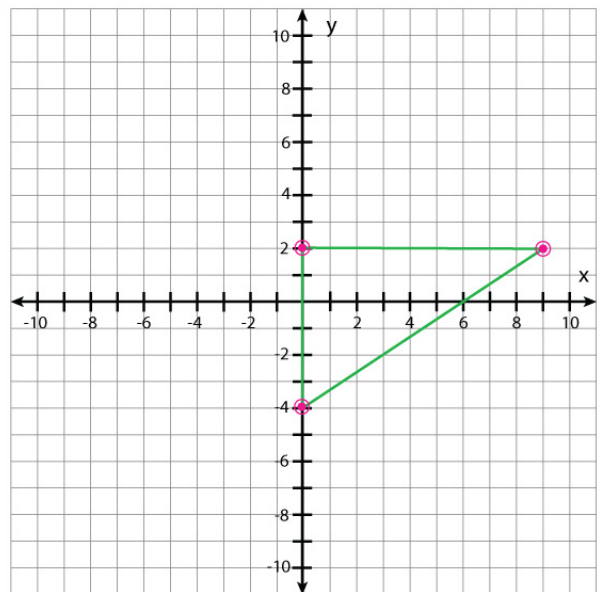
Length = 4 units, Breadth = 6 units

- 3** ABCD is a rectangle. Find the area and perimeter of the rectangle.



Area = 40 square units, Perimeter = 26 units

- 4** If you draw coordinate points at  $(9,1)$ ,  $(0,1)$ ,  $(0,-4)$  and connect all points. What is the shape that you have got?



Triangle